

66295-007-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Lars GERTMAR

Serial No. Unassigned

Filed: August 31, 2001

**ROTATING POWER SYSTEM STABILIZER**

PATENT

Group: Unassigned

Examiner: Unassigned

*#5  
Preliminary  
Hickson  
3-27-01*

\* \* \* \* \*

PRELIMINARY AMENDMENT

Washington, D.C.  
August 31, 2001

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination on the merits, please amend the Application as follows:

**IN THE SPECIFICATION:**

Page 15, substitute for the paragraph beginning on line 16:

Fig. 3 shows an embodiment of a power system stabilizer according to the present invention. A main machine 2 is here an asynchronous machine with wound rotor 10. The stator 12 of the main machine has a 3-phase winding 14 connected via a transformer 3 to a power network. The rotor winding 16 can in principle have a number of phases larger than or equal to two. The synchronous rotational speed that is set-up by the 3-phase winding 14 in the stator 12 is determined by the frequency in the power network and by the number of poles that the winding 14 is made with. The rotational speed of the rotor 10 may be changed in relation to this in that an alternating current flows in the rotor winding 16 of the main

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